19970702.ba ba-por01.533 ba-por01.534
>1533
>From owner-boatanchors@sco.theporch.com Tue Jul 1 00:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
>   by uro.theporch.com (8.8.6/A-UX-3.1.1) with ESMTP id AAA18433
>   for <SHIMSHON@URO.THEPORCH.COM>; Tue, 1 Jul 1997 00:03:31 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])
>   by sco.theporch.com (8.8.6/SCO-5.0.2) with SMTP id FAA20834;
>   Tue, 1 Jul 1997 05:02:28 GMT
>Message-Id: <199707010502.FAA20834@sco.theporch.com>
>Date: Tue, 1 Jul 1997 00:02:28 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Old Tube Radios <boatanchors@sco.theporch.com>
>Subject: BOATANCHORS digest 1533
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__867733154433866577"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: O

BOATANCHORS Digest 1533

Topics covered in this issue include:

  1) 10 Meters
     by Sandy W5TVW <ebjr@worldnet.att.net>
  2) TU-6 and TU-5 tuning units U.S. Army
     by stevenn@ix.netcom.com (Steve M Fried)
  3) HW-17 manual needed
     by "Joseph W. Pinner" <kc5ijd@net-connect.net>
  4) Defiant and WTB
     by "Henshall, Steve" <Steve_Henshall@heald.edu>
  5) Re: 10 Meters
     by launerb@crl.com (William H. Launer)
  6) Re: Neutral Fusing
     by Mike Sullivan <michaels@kc2kj.k2nesoft.com>
  7) Re: Value of Keys and Radio ?
     by Neal McEwen K5RW <nmcewen@metronet.com>
  8) FS- Misc
     by chas@nmaa.org (Charles Kadesch)
  9) DX40 plate current
     by bloper@ix.netcom.com (BEN ROSWELL LOPER)
 10) Re: Re. polishing knobs
     by "Thomas A. Adams" <103360.2133@CompuServe.COM>
 11) My Fair Radio R390A
     by David Medley <davemed@worldnet.att.net>
 12) BC BAND COMMAND SET COILS

    by "ROBERT W DOWNS, WA5CAB" <RWDowns_WA5CAB@compuserve.com>
 13) Need Clegg Thor Manual
    by W7FG <w7fgboat@w7fg.com>
 14) Re: 6L6 UP(side dn) & RUNNING
    by "al parker" <al_parker@kacc.com>

Date: Mon, 30 Jun 1997 23:31:31 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: boatanchors@theporch.com, glowbugs@www.atl.org
Subject: 10 Meters
Message-ID: <19970630233125.AAB9131@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

        Hearing beacons nearly all week. Soem activity on during field day!
        Judging from the CB activity, I'd say we need to check 10 meters more
often these days while the Sporatic E lasts.
        Heard Beacon in Raleigh, NC today. Anybody listening on 29 Mhz
or calling CQ there?
73,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive,
Metairie, LA., 70001
ebjr@worldnet.att.net
Looking for: 860 tubes, WL-460 tubes
RK-34(VT-224) tubes, Butternut HF2V antenna*

Date: Mon, 30 Jun 1997 19:28:30 -0500 (CDT)
From: stevenn@ix.netcom.com (Steve M Fried)
To: boatanchors@sco.theporch.com
Subject: TU-6 and TU-5 tuning units U.S. Army
Message-ID: <199707010028.TAA04493@dfw-ix3.ix.netcom.com>

Hi BA Fans

Re: U.S. Army Signal Corps
    Transmitting Tuning Unit

I have two TU-5s and one TU-6 so I have antenna units for
160 meters and 80 meters. Two of them look like they have
never been in service. That black crackle case, it's just
beautiful. How could anyone not get excited looking at

black crackle.

My problem is I have no idea how the thing is connected and
Im sure it didn't look at a 72 ohm input.

Can any one can help me with info on feeding a ham rig output
(coaxial 72 ohm) and outputting out of the TU unit into a long
wire (off center fed 130' wire - like a single wire zepp).

A basic schematic, etc., would be great too, if available.

73

Steve K2PTS
Black crackle lives on !!
Join the Black Crackle support group.

Date: Mon, 30 Jun 97 19:49:57 -0000
From: "Joseph W. Pinner" <kc5ijd@net-connect.net>
To: "Boatanchor 1" <boatanchors@theporch.com>,
        "Boatanchor 2" <BOATANCHORS@listserv.tempe.gov>
Subject: HW-17 manual needed
Message-ID: <199706302341.SAA19865@dns1.net-connect.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Need a manual for the HW-17. Any help will be appreciated.

73

Joseph W Pinner
Lafayette, LA
KC5IJD
EMail: kc5ijd@net-connect.net

Date: Mon, 30 Jun 1997 17:39:59 -0700
From: "Henshall, Steve" <Steve_Henshall@heald.edu>
To: "'boatanchors@sco.theporch.com'" <boatanchors@sco.theporch.com>
Subject: Defiant and WTB
Message-ID: <c=US%a=_%p=Heald%l=SJTSERVER-970701003959Z-947@sjtserver.heald.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gang,

To all those who sent E-Mail about the SX-24 Skyrider Defiant communications reciver. It is promissed and will be shipped soon. (baring complicaitons) To all who were interested thank you for the requests. If I didn't reply to you personally I appologise but there was a lot more response than I anticipated. If I come up with any more "throw-outs" in reasonable shape I'll let you know and I will be keeping my eyes peeled.

WTB
I am still looking for a TO Keyer (prefered) and paddle if anyone has one to let go. Also would consider an HA-1

TNX es best 73,
Steve. KO6NZ

Real radios glow in the dark!

Date: Mon, 30 Jun 1997 19:41:54 -0500
From: launerb@crl.com (William H. Launer)
To: boatanchors@sco.theporch.com
Subject: Re: 10 Meters
Message-ID: <v01530501afddfcf976e6@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sandy said:
>Judging from the CB activity, I'd say we need to check 10 meters more
>often these days while the Sporatic E lasts.

Our novice station made 51 10m ssb contacts from MO during FD, ranging from FL to SD and TX. May have been sporadic E, but they had a ball!

73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arci #3551
Grid Square EM48RT

Date: Mon, 30 Jun 1997 20:43:49 -0400
From: Mike Sullivan <michaels@kc2kj.k2nesoft.com>
To: launerb@crl.com
Cc: Old Tube Radios <boatanchors@sco.theporch.com>
Subject: Re: Neutral Fusing
Message-ID: <33B852C5.6CD3E9CD@kc2kj.k2nesoft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

William H. Launer wrote:
>
> In U.S. Navy ships, primary 60 Hertz power is still distributed in a 3
> phase delta configuration (Mil-Std-1399), with no grounded feeder. This
> prevents a single fault to the hull (i.e., battle damage) from wiping out
> the ship's electrical system. This may explain why some equipment has
> fuses in both legs of the power cable.
>
> 73, Bill wb0cld
>
> Bill Launer
> St. Charles, MO
> launerb@crl.com
> wb0cld@wb0cld.ampr.org [44.46.66.25]
> qrp-l #279   qrp arci #3551
> Grid Square EM48RT
This practice of the Navy has always been a bit mysterious. I was lead
to believe that the delta was safer for sailors who are in constant
touch with the ships hull and therfor "ground". Any ideas?
Mike

Date: Mon, 30 Jun 1997 19:50:10 +0100
From: Neal McEwen K5RW <nmcewen@metronet.com>
To: w4bld@juno.com
Cc: Old Tube Radios <boatanchors@sco.theporch.com>
Subject: Re: Value of Keys and Radio ?
Message-ID: <33B7FFE2.2745@metronet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Robert B. Kerby wrote:

> 2   Mac-Key T. R. McElroys Semi-Auto TCH & RDO Code XTR Base plate

> says Mac [9-34] Key S/N 7452 (I assume it was made in 9 of
> 34.

9-34 is the date McElroy started making keys and bugs. This particular model was likely made in 1935, 36 or 37. The 36 Macs are quire common and it is probably this one. The 9-34 cast into the base is a holdover from earlier models. McElroy ceased making this line in 1942.

--
73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com
A WWW Page for Telegraph Key Collectors and Historians
http://fohnix.metronet.com/~nmcewen/tel_off.html

Date: Mon, 30 Jun 1997 21:59:16 -0700
From: chas@nmaa.org (Charles Kadesch)
To: boatanchors@sco.theporch.com
Subject: FS- Misc
Message-ID: <33B88EA4.27AE@nmaa.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some items for sale. All plus shipping from MD:

-Collins TCS Receiver with mating PS connector $40

-BA keying relays. Claire HGSM w/mercury wetted contacts.
I built a keyer interface from one of these and they work great- can key cathode, grid block etc. with your electronic keyer, bug or straight key without damaging contacts. Can easily do 30 WPM or more. 12 volt coil with contacts rated at 500 vdc @ 2A. Requires only a few common parts from the Shack or your junkbox. Schematic included if desired. Used but tested. $6 each.

-TM 11-459 International Morse Code $7
-TM 11-455 Radio Fundamentals Lab $7
-TM 11-486 Communications Systems Engineering (610 pages) $15

chas@nmaa.org

Date: Mon, 30 Jun 1997 21:14:33 -0500 (CDT)
From: bloper@ix.netcom.com (BEN ROSWELL LOPER)

To: boatanchors@theporch.com
Subject: DX40 plate current
Message-ID: <199707010214.VAA22283@dfw-ix15.ix.netcom.com>

I have a DX40 that I used for as a novice. I haven't had it on the air in abt 15 years. Last time I tried to tune it everything tuned up fine, but when I switch to CW position(meter in plate) and key it the plate meter pegs out. I can re-dip it and it tunes just like its supposed to, but once I switch back to CW position it happens again. Sometimes it will key a few times and then "bam" the meter will peg. Also if I leave the meter in the grid position it won't show any loss of grid current. I haven't done anything to it and it worked great a few years ago, so I know everything is wired up right, any suggestions I'd love to get back on the air with it TNX Ben KJ4CC

Date: 30 Jun 97 22:28:33 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: Re: Re. polishing knobs
Message-ID: <970701022833_103360.2133_JHL83-1@CompuServe.COM>

I've had good results in polishing the typical thermosetting phenolic plastic "Daka-Ware" type knob by using Brasso metal polish. This stuff has jewler's rouge in it, and is slightly abrasive. It apparently has some ammonia in it, to act as a solvent on soluble grungs. Unless the knob is REALLY in bad shape, that's enough to make it look good.

Keep a can of the stuff handy in the shack; you'll constantly find new uses for it.

Tom, K9TA

(I also keep a can of Brasso handy at

the rifle ammo reloading bench. Makes

60 year old .30-06 surplus cases look

like Winchesters that were made last

week!)

Date: Mon, 30 Jun 1997 20:37:29 -0700
From: David Medley <davemed@worldnet.att.net>
To: collins@listserv.tempe.gov
Cc: boatanchors@theporch.com
Subject: My Fair Radio R390A
Message-ID: <3.0.1.32.19970630203729.0069fa54@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Oh joy oh wow! I just got my el cheapo R390A from Fair Radio Sales and I was astonished and delighted with what I got. The radio is very clean and shows little sign of corrosion. The kilocycle tuning works as smoothly as one I have just finished overhauling with great trouble. The gearing is clean and shows no sign of Navy gunk. The various sub assemblies are really clean but they are all by different manufacturers as follows:

Power supply	Capehart
Audio	Stewart Warner
IF	Collins with Collins filters. BFO missing.
RF	Amelco

The front panel carries the usual yellow stripe and has black lettering.First time I have seen that.
I may have been lucky as it carries new looking labels in two places which say:
"overhauled by Navlex San Diego in 1987". All tubes (except the 3TF7) are present but no shields.
I removed the front panel and was delighted to find that all the switch contacts were bright and shiny and the controls quite new looking. The wiring harness is nice and clean. Even the knobs look new (except the two that were hit by the yellow paint!!). I am just going to blow out the dust, replace the front panel, and remove the box on the rear and replace it with a 3 wire power cord. The BFO is no problem as I have a Stewart Warner spare on hand. The only thing that looks grungy is the power supply which I am going to replace with a Collins unit I have. This is going to be a really nice radio unless there is some hidden hickey not immediately apparent. I am going to test each sub assembly separately in the other radio I have before firing this one up.
Wow!! what a nice surprise.
73 de Dave KI6QE/7

Date: Tue, 1 Jul 1997 00:03:25 -0400
From: "ROBERT W DOWNS, WA5CAB" <RWDowns_WA5CAB@compuserve.com>
To: BOATANCHORS <boatanchors@theporch.com>
Subject: BC BAND COMMAND SET COILS
Message-ID: <199707010003_MC2-1991-5690@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Group,

Someone who frequents these environs was looking for coils for a broadcas=
t
band Command Set receiver (don't remember whether it was RF, IF or both).=
 =

Just received an "available" list from Gary Cain that had one RF coil set=

listed. If that was what you needed, contact Gary direct. Or, if you
don't know him, let me know and I'll put you in touch. Although the part=

numbers may differ, this particular coil set will apparently work in all
five models of Command Set receivers.

What's that? Did I hear someone say that they didn't know that there were=

five models? Actually, on paper there were six, (or seven, if you count
the RAT and RAT-1 as two), but I've never heard of any evidence that the
Navy version of the AN/ARC-5 was actually produced.

73, Robert W. Downs, WA5CAB
RWDowns_WA5CAB@compuserve.com
Houston, TX

Date: Mon, 30 Jun 1997 23:49:59 -0500
From: W7FG <w7fgboat@w7fg.com>
To: boatanchors@theporch.com
Subject: Need Clegg Thor Manual
Message-ID: <199707010449.XAA27673@newton.cimnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

        I realized this weekend I had a Clegg Thor not another
Clegg 99'er, and need a manual to get it up and going. Or at
least to make life a little easier before E-Season dwindles away.

Any one out there have a Thor manual??

Gary

><><>

W7FG Vintage Manuals
3300 Wayside Drive
Bartlesville, Oklahoma 74006

Telephone: 918-333-3754
Orders Only: 800-807-6146
HomePage: http://www.w7fg.com
Direct E-Mail: w7fg@w7fg.com

><><>

softened, and got pulled in by the vacuum?

The system is not terribly efficient, cooling-wise, but much more so than blowing air across the tube envelope to cool it, which is a common practice in many glow-bottle amplifiers. The external anode, air cooled, tubes are much more efficient than glass bottles, but are surpassed by the ext. anode watercooled jobs.

I hope the common-sense type examples will suffice, the heat transfer theory to back it up would take me a little longer, but is available.

As some one else pointed out, the base and seals got cooled some by conduction thru the glass, and that was of some benefit also.

I've been following the thread with interest, it seems the practice was reasonably wide spread back when I was a novice (1956), can't figure out how I & some of my more daring buddies didn't think about/try it.

73,
Al, W8UT al_parker@kacc.com
Dublin, CA

A fanatic is one who doubles his efforts after forgetting his objective.

End of BOATANCHORS Digest 1533

****
>1534
>From owner-boatanchors@sco.theporch.com Tue Jul 1 18:09 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6/A-UX-3.1.1) with ESMTP id SAA19505
> for <SHIMSHON@URO.THEPORCH.COM>; Tue, 1 Jul 1997 18:09:46 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])
> by sco.theporch.com (8.8.6/SCO-5.0.2) with SMTP id XAA18146;
> Tue, 1 Jul 1997 23:08:39 GMT
>Message-Id: <199707012308.XAA18146@sco.theporch.com>
>Date: Tue, 1 Jul 1997 18:08:39 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Old Tube Radios <boatanchors@sco.theporch.com>
>Subject: BOATANCHORS digest 1534
>Mime-Version: 1.0

>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__867798483433899241"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: O

BOATANCHORS Digest 1534

Topics covered in this issue include:

  1) Memories...
     by Ken Gordon <keng@uidaho.edu>
  2) Re: 10 Meters
     by "Larry Bearse" <lbearse@mail1.nai.net>
  3) Re: Neutral Fusing
     by launerb@crl.com (William H. Launer)
  4) WTB: R390A ID plate(s)
     by Laird Tom N <LairdTomN@JDCORP.deere.com>
  5) TU-6 & TU-5 TUNING UNITS, BA1533
     by "ROBERT W DOWNS, WA5CAB" <RWDowns_WA5CAB@compuserve.com>
  6) T-195 LV Dynamotor
     by "Lamb, Charles E MD (MIS, SalemVA)"
      <lambmd-ce@salem.ge.com>
  7) Re: 6L6 UP(side dn) & RUNNING
     by Bob Roehrig <broehrig@admin.aurora.edu>
  8) FS: Drake TR4 + RV4
     by "John Goller" <k9uwa@cris.com>
  9) FS QST's
     by "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
 10) RE: DX40 plate current
     by "James C. Owen, III" <owen@piper.eeel.nist.gov>
 11) Re: Re. polishing knobs
     by Mac Shawe <macshawe@erols.com>
 12) Re: T-195 LV Dynamotor
     by Ken Gordon <keng@uidaho.edu>
 13) Re: 6L6 UP(side dn) & RUNNING
     by "Roberta J. Barmore" <rbarmore@indy.net>
 14) WTB errata (fwd)
     by Jay Coward <jayc@hpcmrd42.sj.hp.com>
 15) Re: 1R5 for 1L6 for Zenith TransO?
     by Ho4bart@aol.com
 16) Re: RS-6, field day, and smoke.
     by Ho4bart@aol.com
 17) COLLINS ENCLOSURE
     by "Ed Santavicca" <santavic@ct.picker.com>
 18) Re: 1R5 for 1L6 for Zenith TransO?
     by Ken Gordon <keng@uidaho.edu>
 19) 40m ARC-5 TX mods/plans sought
     by dfrancis@iex.net (Dexter Francis)

20) 6L6 in water
    by WA6GYD@aol.com
21) Re: Groounded Neutrals
    by dfrancis@iex.net (Dexter Francis)
22) Mk 123 spy set further
    by BEN NOCK <G4BXD@compuserve.com>
23) Re: Polishing Knobs
    by dfrancis@iex.net (Dexter Francis)
24) ADMINISTRIVIA: Buying and Selling Guidelines
    by listown@jackatak.theporch.com (Mail List Owner)
25) Things I need...
    by jcreid@CCGATE.HAC.COM
26) Re: 6L6 UP(side dn) & RUNNING
    by "Scott Alfter" <salfter@ibm.net>
27) BA's on Canada Day
    by lsmith <ckvnfm@mb.sympatico.ca>
28) Collins 312B-4 guts..and the winner is..
    by "Herbert M. Rosenthal" <herbrose@lobo.net>
29) FS/FT:tubes
    by Ethan Emeson <emesone@elwha.evergreen.edu>
30) Good Capacitor news in the mail...
    by john <johnmb@mindspring.com>
31) Hickock 600A and the Lowly KnightKit 600A
    by "Allan Fritsche" <fritsche@msn.com>
32) Need BC-348Q info
    by JONWEINER@aol.com

Date: Mon, 30 Jun 1997 22:07:57 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: boatanchors@sco.theporch.com
Subject: Memories...
Message-ID: <Pine.BSF.3.95.970630220155.15954A-100000@piobaire.mines.uidaho.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thinking back to when I was 12 or 13 years old, I remember seeing a small box, about the same size and shape as a 3 X 5 card file box in which one of the long sides folded down and there was what I remember as a J-38 key mounted to it. I remember it as being some sort of small transmitter, but perhaps it was a code practice oscillator/buzzer or a portable land-line morse key/sounder combo.

I was taking a class for my Novice license at the time and one of the OT brought it to class.

Anyone who is at least as old as I am remember seeing such a beast ? What

was it really ?

Oh, BTW, that was 40 years ago.

Ken W7EKB

Date: Tue, 1 Jul 1997 06:16:46 -0400
From: "Larry Bearse" <lbearse@mail1.nai.net>
To: "Boatanchors list" <boatanchors@theporch.com>, <ebjr@worldnet.att.net>
Subject: Re: 10 Meters
Message-ID: <199707011026.GAA04523@mail1.nai.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> Hearing beacons nearly all week. Soem activity on during field day!
> Judging from the CB activity, I'd say we need to check 10 meters more
> often these days while the Sporatic E lasts.

Don't forget! The big amps on CB are running much more power than hams are allowed to use!
(har-har)

> Heard Beacon in Raleigh, NC today. Anybody listening on 29 Mhz
> or calling CQ there?
> 73,
> E. V. Sandy Blaize, W5TVW

I listen occasionally and even call cq, but usually no luck at all. There used to be alot of activity when the converted cb craze was going strong and the cycle was hot. But my latest contact on 10 AM was with WB1GCM on his converted Space Patrol walkie talkie on field day!
.......LB WA1LGQ

Date: Tue, 1 Jul 1997 06:54:43 -0500
From: launerb@crl.com (William H. Launer)
To: Mike Sullivan <michaels@kc2kj.k2nesoft.com>
Cc: boatanchors@sco.theporch.com
Subject: Re: Neutral Fusing

Message-ID: <v01530508afde9ecaabd1@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike,

>This practice of the Navy has always been a bit mysterious. I was lead
>to believe that the delta was safer for sailors who are in constant
>touch with the ships hull and therfor "ground". Any ideas?

True, crew safety is also one of the reasons for using the delta configuration.
Sort of like a bird safely sitting on a high voltage power line.

73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279   qrp arci #3551
Grid Square EM48RT

Date: Tue, 1 Jul 1997 07:45:49 -0500
From: Laird Tom N <LairdTomN@JDCORP.deere.com>
To: "'BA'" <boatanchors@theporch.com>
Subject: WTB: R390A ID plate(s)
Message-ID: <0958DD57326BD011813300805FBE98DA9E19D8@e90corp2.dx.deere.com>
MIME-Version: 1.0
Content-Type: text/plain

Not sure if ID tags are available, but none-the-less I need one.
The unit looks mostly Collins, but will take anything if I don't
have a choice.

Tom Laird WC9M Moline, Il
Deere & Company
LairdTomN@JDCorp.deere.com

Date: Tue, 1 Jul 1997 07:10:39 -0400
From: "ROBERT W DOWNS, WA5CAB" <RWDowns_WA5CAB@compuserve.com>

To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: TU-6 & TU-5 TUNING UNITS, BA1533
Message-ID: <199707010711_MC2-1990-1BD2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Steve & Group,

This one probably brought 17 responses, but the TU-3 through TU-10 Tuning=

Units were transmitter tuning units for the BC-191 and BC-375 MF/HF
transmitters, not antenna tuning units. The antenna tuning unit was the
BC-306-A or -B, mainly used for loading the trailing wire between 300 and=

500 KC. The tuning units had a loading section intended to match a pair =
of
VT-4C's (211's) to the short wire on the top of the aircraft, or the
standard 15' whip.

If you'll send me a buck for postage and an address label, I'll send you
copies of the tuning unit schematics.

P.S., can anyone tell me how to reset the right margin in WINCIM???

73, Robert W. Downs, WA5CAB
RWDowns_WA5CAB@compuserve.com
Houston, TX

Date: Tue, 1 Jul 1997 09:00:48 -0400
From: "Lamb, Charles E MD (MIS, SalemVA)"
      <lambmd-ce@salem.ge.com>
To: "'BA'" <boatanchors@sco.theporch.com>
Subject: T-195 LV Dynamotor
Message-ID: <E101BA1F68DECF11A6DE0080D82075D153979E@vasale01misge.salem.ge.com>

Hi gang,

I have gotten intensely interested in restoring R392s over the last year
and have become intimately familiar with their circuitry and vagaries.
However, when I used the seldom operated companion transmitter during FD
operations, I developed a problem. While operating 160 meter CW, the
usual loud whine became intolerable and subsequent teardown and
extraction has revealed D601, the Low voltage dynamotor to have a

failing front bearing. Now, my options are: 1) to build up a solid state (hiss!) multivibrator supply - difficult due to round space constraints and the need for a 115 Volt chopped (AC) line at 400Hz 2) To locate a new bearing and have it pressed into the existing motor generator or 3) To find someone with a T-195 parts unit (wasn't there a thread on this a month or so back?) and obtain the device while trying to exercise option two above and create a spare.

The ratings are: Input: 27.5V @ 10 amps,
                        outputs: 250V @ 300ma, -45V@10 ma and
115V@30VA/400Hz

Stewart Warner Part# 573153   )
Collins Part # 231 0061 009   ) About 8 inches by 2 3/4 diameter
Redmond Model 5204 type 15   )

I know the "B" versions of the transmitter used a plug in SS replacement for one of the two dynamotors, but I believe it to be the HV one. Can someone help with either a spare DM or advice on front bearing repair? I would normally just cobble together some AC mains device, but given the nature of the sealed case and so forth, I prefer to restore it. Any help appreciated - I'm off the air!

Regards,

Charles   WD4KZK
<lambmd-ce@salem.ge.com>

Date: Tue, 1 Jul 1997 08:12:40 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: al parker <al_parker@kacc.com>
Cc: Old Tube Radios <boatanchors@sco.theporch.com>
Subject: Re: 6L6 UP(side dn) & RUNNING
Message-ID: <Pine.ULT.3.96.970701080707.803B-100000@admin.aurora.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have always wondered about one thing. How much does blowing air or liquid cooling really do on a glass enveloped tube? I ask this because it is the anode that is getting hot (as well as the cathode of course) and what good does a cool envelope do on the outside? There is a vacuum inside there so how can a cool envelope cool down the internal structure? Obviously I must be missing something fundamental here.

Now I can understand blowing air across tubes like a 4-400 where one

must keep the seals intact but in a tube like a 6L6 what good does external cooling do except to maybe keep the glass from getting sucked in?

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Tue, 1 Jul 1997 13:49:34 +0000
From: "John Goller" <k9uwa@cris.com>
To: boatanchors@sco.theporch.com
Cc: baswaplist@foothill.net
Subject: FS: Drake TR4 + RV4
Message-ID: <199707011314.JAA15209@marconi.concentric.net>

Drake TR4 + RV4 remote VFO/Spkr/AC4 Chassis are in very nice condition cabinets are about 6 to 7. It works made a couple of Q's on 20 CW the other day with it....asking $275 + shipping
de John K9UWA
John K9UWA

k9uwa@cris.com

Date: Tue, 01 Jul 1997 09:12:58 -0500 (EST)
From: "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
To: boatanchors <boatanchors@theporch.com>
Subject: FS QST's
Message-ID: <D1011ZWXJD9FSW*/R=FIRNVX/R=A1/U=WOODJ/@MHS>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII
Content-transfer-encoding: 7BIT

QST"S Directory of Amateur call up to the middle of Dec. 1919, supplement toQST vol III No. 6. POOR condition but readable, 15 pages.

QST Jan 1917 poor condition, no covers
QST Nov 1920 Poor condition, no covers
Qst Aug 1920 Poor condition, no covers

Woodj@mail.firn.edu

Date: Tue, 1 Jul 1997 09:20:25 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: boatanchors@sco.theporch.com
Subject: RE: DX40 plate current
Message-ID: <33628.owen@piper.eeel.nist.gov>

In message Mon, 30 Jun 1997 21:14:33 -0500 (CDT),
  bloper@ix.netcom.com (BEN ROSWELL LOPER) writes:

> I can re-dip it and it tunes just like its
> supposed to, but once I switch back to CW position it happens again.
> Sometimes it will key a few times and then "bam" the meter will peg.
> Also if I leave the meter in the grid position it won't show any loss
> of grid current.

Sounds as if you have an intermittent in the Plate Tuning Capacitor and
maybe the Loading Capacitor. Check the grounding to the chassis and the
grounding of the rotor to the capacitor frame. Also check the meter shunt
resistor as there could be a bad solder joint. If the capacitor is at fault
the output power should be changing, use a wattmeter or SWR bridge to check
this. The meter shunt should only effect the meter. 73 Jim K4CGY

Date: Tue, 01 Jul 1997 10:15:26 -0400
From: Mac Shawe <macshawe@erols.com>
To: Boatanchors <boatanchors@sco.theporch.com>
Cc: 103360.2133@CompuServe.COM
Subject: Re: Re. polishing knobs
Message-ID: <33B910FE.682C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thomas A. Adams wrote:
>
> I've had good results in polishing the typical thermosetting phenolic plastic
> "Daka-Ware" type knob by using Brasso metal polish. This stuff has jewler's
> rouge in it, and is slightly abrasive. It apparently has some ammonia in it, to
> act as a solvent on soluble grungs. Unless the knob is REALLY in bad shape,
> that's enough to make it look good.
>
> Keep a can of the stuff handy in the shack; you'll constantly find new uses for
> it.
Brasso may be OK on plastic knobs but do not use it on any knobs having
brass on them. Clock repair has been another hobby of mine. We were
always warned never to use it on clock cases because it etches &

corrodes brass, Mac

Date: Tue, 1 Jul 1997 07:41:30 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: "Lamb, Charles E MD (MIS, SalemVA)" <lambmd-ce@salem.ge.com>
Cc: Old Tube Radios <boatanchors@sco.theporch.com>
Subject: Re: T-195 LV Dynamotor
Message-ID: <Pine.BSF.3.95.970701073947.20168B-100000@piobaire.mines.uidaho.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would go to a local equivalent of Electrical Specialists, a company
which specializes in rebuilding auto alternators and electrical systems,
and have them press a new bearing.

BTW, how do you keep your AN/GRC-19 transmitter operating? Most of the
scuttlebutt I have heard here says that that is impossible.

Ken W7EKB

Date: Tue, 1 Jul 1997 10:30:50 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Bob Roehrig <broehrig@ADMIN.AURORA.EDU>
Cc: Old Tube Radios <boatanchors@sco.theporch.com>
Subject: Re: 6L6 UP(side dn) & RUNNING
Message-ID: <Pine.SUN.3.96.970701101238.29787B-100000@indy2>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Oh, Bob!

   They've shown you too many Thermos bottles, I fear. A vacuum doesn't
conduct heat very well, true; but it's not much of a barrier to *radiated*
heat, which is just really really dark-red light after all--and the
light gets out of light bulbs pretty well, along with the infrared. :)

   And that's why air--or, rarely, water--can cool an internal-anode tube.
The heat radiates out to the envelope, heating it up (a lot) and heating
up the surrounding air or water (some). Run cool air (or water) over the
envelope, and you carry the heat away. Is it efficient? Nope! What it
is, is better than just letting the thing sit there in a puddle of heated
air that only escapes by convection (the hot air rises).

In the case of water on a black metal 6L6, it's a *lot* better than "in free air." It takes a lot of energy to warm up water. In a "puddle" system, in which the 6L6 is sitting in a paint can full of water, we've essentially put a whopping big heat sink on it; in a running-water system, we carry away the heated water, replacing it with cooler water, and radiate the heat to air in some effective manner (oil cooling raditor from a '75 MGB, for instance, with a small fan blowing air across it; not to put ideas in anyone's head [Moss Motors, Goleta CA sells 'em]).

But back to the puddle. Water is a good conductor of heat. If you could make the envelope of a 6L6 the size of a quart paint can--while still keeping it close to the anode--it'd increase the available plate dissapation remarkably! (Increased surface area, plus the "thermal mass" of the bigger envelope). And that's what immersing it in a can full of water does.

There is one big difference between your Thermos and a metal 6L6, besides the much closer spacing: the plate and envelope of the tube are *black,* while the insides of the Thermos are silvered. The Coleman folks don't silver the insides oftheir coffee-bottles for luck--it's to reduce radiation of heat. And tube plates are blackened for the opposite reason; the little low-power mini tubes don't usually bother (12AT7 et al), but most 6AQ5s have dark plates. And metal tube envelopes are black (good) or sometimes red (okay but I'd be wondering about red 6L6s no matter what RCA says). There is no glass in 'em except for the press, stem and seals.

73,
--Bobbi

Date: Tue, 1 Jul 97 9:14:17 PDT
From: Jay Coward <jayc@hpcmrd42.sj.hp.com>
To: boatanchors@sco.theporch.com
Cc: jayc@hpcmrd42.sj.hp.com
Subject: WTB errata (fwd)
Message-ID: <9707011614.AA29671@hpcmrd42.sj.hp.com>

Please see my WTB list posted 6-30-97 and
change MX-19 adapter to be C-24 receiver local
control adapter.
FYI the MX-19 was used on the R-23/ARC-5 190-550 Kc
receiver to bring out audio signals to the ILS or
instrument landing system.The C-24 is a plug in adapter
that provides local sense and cw-off-phone controls.
Thanks for the BW.

73 Jay KE6PPF

Date: Tue, 1 Jul 1997 12:21:50 -0400 (EDT)
From: Ho4bart@aol.com
To: spr@earthlink.net, boatanchors@sco.theporch.com
Subject: Re: 1R5 for 1L6 for Zenith TransO?
Message-ID: <970701121837_981336751@emout04.mail.aol.com>

In a message dated 97-06-29 18:01:35 EDT,
spr@earthlink.net (Scott Robinson) writes:

> According to what I've read, the 1R5 will work
up to maybe 10 MHz with a following wind. LO dies
above that. It's OK for BC and 49M, but...<

wait a minit. grc-9 uses 1R5 up to 12 Mc/s. would the
military have employed this bulb if it would only "maybe"
work at the top range? and how about the grr-5 receiver?
it goes to 18 Mc/s. where did you read this?
hue

Date: Tue, 1 Jul 1997 12:26:20 -0400 (EDT)
From: Ho4bart@aol.com
To: Tim.Nagle@unisys.com, boatanchors@sco.theporch.com
Subject: Re: RS-6, field day, and smoke.
Message-ID: <970701122450_947433524@emout14.mail.aol.com>

In a message dated 97-06-30 13:16:47 EDT,
Tim.Nagle@UNISYS.com (Nagle, Timothy E) writes:

> I was calling CQ on 20M for a few
> minutes when the neon lights went out in the RT-6 and
> little whisps of smoke were curling up from the RP-6.

i don't know if this was it, but the rs-6 does have one failure
mode you should know about: the input filter cap, the 1 or
1.5 Mfd one, is too close to a hot dropping resistor and
really likes to fail and leak oil. removing it and changing to
choke input filter is not a direct fix, as then the B+ to the
receiver is too low to light the regulator tubes unless the
dropping resistors are changed to lower value.
hue

Date: Tue, 1 Jul 1997 12:59:57 -0500
From: "Ed Santavicca" <santavic@ct.picker.com>
To: boatanchors@sco.theporch.com
Subject: COLLINS ENCLOSURE
Message-ID: <1A954616093@ct1.ct.picker.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

DOES ANYONE KNOW WHERE I CAN GET AN ENCLOSURE FOR MY
COLLINS R-648/ARR-41? IT'S THE AIRBORNE VERSION OF
THE R-390A.

THANKS

ED

ps HOPE EVERYONE WHO DID FIELD DAY HAD A GOOD TIME.

Date: Tue, 1 Jul 1997 10:14:05 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: Ho4bart@aol.com
Cc: Old Tube Radios <boatanchors@sco.theporch.com>
Subject: Re: 1R5 for 1L6 for Zenith TransO?
Message-ID: <Pine.BSF.3.95.970701094755.21403A-100000@piobaire.mines.uidaho.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 1 Jul 1997 Ho4bart@aol.com wrote:

> In a message dated 97-06-29 18:01:35 EDT,
> spr@earthlink.net (Scott Robinson) writes:
>
> > According to what I've read, the 1R5 will work
> up to maybe 10 MHz with a following wind. LO dies
> above that. It's OK for BC and 49M, but...<
>
> wait a minit. grc-9 uses 1R5 up to 12 Mc/s. would the
> military have employed this bulb if it would only "maybe"
> work at the top range? and how about the grr-5 receiver?
> it goes to 18 Mc/s. where did you read this?

Right. Anything (and I really mean, "anything") can be made to oscillate

given enough of the right kind of feedback. (re: Nikolai Tesla)

I think what is meant about the 1R5 is that it won't oscillate much above 10 mHz when used in the Zenith TransOceanic with no modifications to the original oscillator circuit. After all, the tube is really nothing more than a switch in these circuits, and if the feedback values aren't right for the tube, the circuit won't oscillate. The circuit and the tube characteristics go hand-in-hand. You can't really change one without changing the other, more or less, depending on the differences.

In my experiments using the 1AC6 in place of the 1L6 in the R-1004, I am finding that the circuit can oscillate too readily on frequencies above about 15 mHz. and that padder capacitor values are too high for this tube in the original circuit. It can be compensated for by careful alignment on bands 1 and 2, but not in all receivers on band 3.

In the R-1004 on band 3, this is particularly noticeable, although one of the older serial numbers (S/N 66) appears to be somewhat worse in this regard than my S/N 726.

If the filament voltage is raised much above the rated 1.4 volts (as with a GN-58 at >1.8 volts), something in the receiver goes into a regenerative mode. I haven't yet determined whether it was the mixer (1AC6) or an IF amp.

I had to adjust the regulator setting resistor in the GN-58 to bring the filament voltage down to 1.8V to prevent this last weekend. BTW, at this setting, the transmitter filament voltage was 6.2V loaded.

Ken W7EKB

Date: Tue, 1 Jul 1997 11:10:27 -0600 (MDT)
From: dfrancis@iex.net (Dexter Francis)
To: boatanchors@theporch.com
Subject: 40m ARC-5 TX mods/plans sought
Message-ID: <v01520d00afde805aa08d@[207.0.57.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've decided to just rebuild the ARC-5 40 meter TX, and would like to locate a project/article to do so. The unit I have has already been heavily modified, so just re-building it to the best level of the art seems appropriate. I'd like to stay with cathode keying and retain the plate tuning meter, possibly even adding a grid dip reading capability. If anyone has a back issue of QST or 73, whatever that has an article on

reworking one of these, I'd be most appreciative for a copy and will gladly cover postage and copy costs.

-df

*   CWest Tube Sales - P.O.B. 22443 SLC, UT 84122   *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *
*   e-mail to: tubes@usa.net   *

Date: Tue, 1 Jul 1997 13:39:55 -0400 (EDT)
From: WA6GYD@aol.com
To: boatanchors@theporch.com
Subject: 6L6 in water
Message-ID: <970701133919_679832012@emout13.mail.aol.com>

In my earlier post, my story about running a lot of power to an upside down 6L6 that sat in a wooden trough through which water ran I neglected to say two things The key was only held down for a few seconds running into a dummy load (lightbulbs) and it was a metel 6L6. The tube lasted only as long as the cathode emmision held up.

Don

Date: Tue, 1 Jul 1997 11:42:58 -0600 (MDT)
From: dfrancis@iex.net (Dexter Francis)
To: boatanchors@theporch.com
Cc: broehrig@admin.aurora.edu
Subject: Re: Groounded Neutrals
Message-ID: <v01520d01afde99c2989b@[207.0.57.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The neutral(s) and ground(s) are tied at the main panel.
I believe they are not tied at sub-panels.

Depending on the guage of wire used and length of the run to the main panel, there can be up to several volts differential between the ground pin and the neutral. For a first hand demonstration, just take an AC measurment between the ground and the larger of the two slots on your home recepticles. You may be surprised.

-df

*   CWest Tube Sales - P.O.B. 22443 SLC, UT 84122   *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *
*   e-mail to: tubes@usa.net   *

Date: Tue, 1 Jul 1997 14:00:14 -0400
From: BEN NOCK <G4BXD@compuserve.com>
To: Multiple recipients of l <boatanchors@sco.theporch.com>
Subject: Mk 123 spy set further
Message-ID: <199707011400_MC2-199B-C81C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

For all those who asked for details of the 123.

The Mk 123 is a late 60's set, real use unsure, certainly the type
of set that might have gone over the 'wall' !
It covers 2.5 to 20 Mhz in three bands, rx fully tunes, tx crystal, =

am/cw on rx, cw only on tx, 25 watt out, built-in key
is about 12 by 10 by 4, runs off 100 to250 V ac or with the
external unit, 12V dc, has a green canvas carry case, some acc's =

like leads, ant insulators, multi pin socket arrangement for
various outlets, etc.

Hope that is enough. =

Seems quite a few know my mate, only one objected to my
last message preamble, probably a mate of his as well !

Oh happy days !

Ben G4BXD.

Date: Tue, 1 Jul 1997 12:04:04 -0600 (MDT)
From: dfrancis@iex.net (Dexter Francis)
To: boatanchors@theporch.com
Cc: spr@earthlink.net

Subject: Re: Polishing Knobs
Message-ID: <v01520d03afdea0bc3c17@[207.0.57.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I tumble my knobs in ground up walnut shells.
This is referred to a polishing media and is
available at many gun shops, as it is used to
clean and polish used shell casings. The
tumbler is a Thumblers Tumbler which was
bought for about $10 at a flea market. It's
normal use is as a rock polisher. After a
week or so in there, most knobs look terrific.

-df

*   CWest Tube Sales - P.O.B. 22443 SLC, UT 84122   *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *
*   e-mail to: tubes@usa.net   *

Date: Tue, 1 Jul 97 11:15:01 CDT
From: listown@jackatak.theporch.com (Mail List Owner)
To: boatanchors@sco.theporch.com
Subject: ADMINISTRIVIA: Buying and Selling Guidelines
Message-ID: <9707011115.aa06026@jackatak.theporch.com>

Gang-

This periodic posting is intended as a gentle nudge and suggestion
which should improve the quality of posts to the BoatAnchors list, and
maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted"
posts. Originally, all buying and selling traffic was focused on
finding parts to complete a restoration. As the list has evolved,
there has been an increase in buying and selling activity, which
may not be all bad.

There is, however, a real need to observe certain conventions, lest
this otherwise benign activity turn into a real disturbance to the
real purpose of the list: discussions of radio equipment using
vaccuum tubes, including the life and times of the designers and
users of such gear.

Please observe these guidelines:
1) LIMIT the frequency of for sale postings... once a month is a
   good starting point

2) DO NOT post endless "xxx is sold" to the entire list... you offered
   it for sale, and it is not considerate of list resources (which
   include the time and energy of the other list members) to burden
   the list with these senseless notices. Use direct email to those
   who responded, or, if you don't want to answer them personally,
   just don't use the list to advertise them for sale!

3) AVOID even the mere faint appearance that you are posting items
   for sale as a regular adjunct to your business dealings. This has
   become more of a problem lately with some long lists showing up
   regularly on the main list, or with dealers who appear to be using
   the list for their personal advertising advantage. Failure to
   observe these basics *will* result in banishment from the list --
   just don't do it! When even a shadow of doubt creeps in, read the
   "Welcome" message again... it spells it out!

4) DO be considerate of those on the list in your for sale or wanted
   postings. Keep them short, infrequent, and ONLY include items
   specifically appropriate to the list -- NO solid state gear is
   obvious, but try to avoid pushing the envelope in any area.

5) LONG lists and estate offerings should be sent to me at:
   listown@jackatak.theporch.com
   so they may be uploaded to the archives for email or ftp retrieval.
   (We are hoping to have a web page up in the future for these files.)

Thanks for your understanding and help in making the boatanchors list
have the highest signal to noise on the InterNet.
--
73
Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
               - - - BoatAnchor Mailing List Owner - - -
 listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

Date: Tue, 01 Jul 97 11:07:48 PST8
From: jcreid@CCGATE.HAC.COM
To: boatanchors@sco.theporch.com
Subject: Things I need...
Message-ID: <9706018677.AA867781111@CCGATE.HAC.COM>

Hi Gang,
  I'm trying to get some loose ends tied up in the radio dept. I'm looking for

the following things to get my Hallicrafters collection straightened out.

1) CW Pitch knob for SX-43(5 to 0 to 5)
2) S-meter for SX-24(fits a lot of others in the series)
3) Bandswitch knob for SX-16(also fits a lot of others)
4) Bandspred knob for SX-28(steering wheel type)
5) Any docs for an SX-28 including service manual, hints & kinks, etc.

I may have a few things to trade if there's any interest. A DX-100 reduced to its component parts(sans a couple of caps and xformers) and an ARC-5 receiver with dynamotor(no mtg. plate). If you can help, drop me a line.

-Jim N6SVS
jcreid@ccgate.hac.com

Date: Tue, 1 Jul 1997 11:27:08 -0700
From: "Scott Alfter" <salfter@ibm.net>
To: "Boatanchors Mailing List" <boatanchors@theporch.com>
Subject: Re: 6L6 UP(side dn) & RUNNING
Message-ID: <199707011827.SAA140226@out2.ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

On Tuesday, July 01, 1997 at 6:12 AM, Bob Roehrig
<broehrig@admin.aurora.edu> wrote:
> I have always wondered about one thing. How much does blowing air or
> liquid cooling really do on a glass enveloped tube? I ask this because
> it is the anode that is getting hot (as well as the cathode of course)
> and what good does a cool envelope do on the outside? There is a vacuum
> inside there so how can a cool envelope cool down the internal structure?
> Obviously I must be missing something fundamental here.

In a vacuum, heat is transferred by radiation. How else, for instance, would the Sun warm the Earth? It's also why you'd burn your fingers if you tried to pull a tube out of a radio right after you shut it off. Granted, the radiative transfer isn't the most efficient in the world, but it's better than nothing.

  _/_
 / v \
(IIGS(Scott Alfter (salfter@ibm.net)
 _^_/ http://www.geocities.com/Area51/Corridor/6595

Date: Tue, 01 Jul 1997 15:08:00 -0500
From: lsmith <ckvnfm@mb.sympatico.ca>
To: boatanchors@theporch.com
Subject: BA's on Canada Day
Message-ID: <33B9639F.47D2@mb.sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To all on the list:

We didn't think of til almost too late! VE4ANC and VE4YH are operating as the Radio Amateurs of Canada official Manitoba station, callsign VE4RAC in the Canada Day Contest.

This station is using all Collins BA's and hope to work you. We are on the lower section of 20 meters for the rest of the afternoon, around 14.165. You exchange a signal report and contact number, we will be more than willing to slow down and talk BA's...in fact it will be welcome break!

Sorry for the short notice, but hope to work a few BA List members.

73 de
Lee and Gary Smith
VE4ANC and VE4YH

Date: Tue, 01 Jul 1997 14:58:41 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
To: BoatAnchors <boatanchors@theporch.com>
Subject: Collins 312B-4 guts..and the winner is..
Message-ID: <33B96F7B.576A@lobo.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks again to all who expressed an interest. I'm sending it to Gerald D'Entremont, W5BA (Boat Anchor?). He is restoring a 312B-4, and will use (some of) the parts from my 'guts' pile.

I'll keep browsing through the garage, and see what else I can come up with to offer BA readers.

Herb Rosenthal W5AN

PS. Give him a couple weeks, and contact him to see what he has
leftover; there may be something you need.

Date: Tue, 1 Jul 1997 14:21:37 -0700 (PDT)
From: Ethan Emeson <emesone@elwha.evergreen.edu>
To: boatanchors <boatanchors@theporch.com>
Subject: FS/FT:tubes
Message-ID: <Pine.ULT.3.91.970701141352.7323A-100000@elwha.evergreen.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

*** Please respond to ethan@olywa.net ***
All tubes NOS unless indicated otherwise. All tubes except compactrons
tested on hickok 600A.
Format is <quantity available>@<price per tube>
Also looking to trade for various audio output tubes.
+ $3 for shipping.

6BK4C/6EL4A	4@$9, USED 1@$4
6EL4 USED	1@$4
6EN4	3@$5
6HB5	1@$9
6JB6	1@$12
6JS6B	1@$10
6JS6C	1@$18
6JT6A	2@$12
6KD6	2@$18
6KM6	2@$5
6KV6A	1@$18
6LB6	1@$12
6LQ6/6JE6C	1@$25
6LR6	1@$17
21JS6/23JS6	1@$8
22JR6	3@$4
24LQ6	4@$6
30KD6	1@$14
30MB6	1@$6
31JS6	1@$7
31LQ6	4@$5
36KD6-40KD6	2@$12

6146 used 3@$5
6E5 used/bright $4 each
1629 1 NOS @ $5, several used @$2.50
866A used $4 each

--Ethan

Date: Tue, 01 Jul 1997 17:49:20 -0400
From: john <johnmb@mindspring.com>
To: boatanchors@theporch.com
Subject: Good Capacitor news in the mail...
Message-ID: <199707012152.RAA26273@brickbat8.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

        I just received a new catalog from Frontier Capacitor in
todays mail...the normal good assortment of essential-to-have
replacement parts!
        Best
        /john

Date: Tue, 1 Jul 97 22:49:58 UT
From: "Allan Fritsche" <fritsche@msn.com>
To: boatanchors@theporch.com
Subject: Hickock 600A and the Lowly KnightKit 600A
Message-ID: <UPMAIL03.19970701225148093@msn.com>

Hey Gang, does anyone know if the Hickock 600A and the KnightKit 600a or one
and the same?

Thanks
Al
fritsche@msn.com

Date: Tue, 1 Jul 1997 19:03:51 -0400 (EDT)
From: JONWEINER@aol.com
To: boatanchors@theporch.com
Subject: Need BC-348Q info
Message-ID: <970701190206_323509901@emout17.mail.aol.com>

I picked up a BC-348Q at the Atlanta hamfest, and it seems to be in need of
an alignment.
1. What is the IF freq?
2. What are the alignment points (frequencies) on each of the 6 bands.

Any other info regarding the alignment would be appreciated.

Thanks.
Jon, K1VVC

End of BOATANCHORS Digest 1534

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